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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	Unassigned
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Unassigned

Filing Date

9/21/01

First Named Inventor

Etter, Walter

Group Art Unit

Unassigned

Examiner Name

Unassigned

Attorney Docket Number

Etter 4

U.S. POSTAL SERVICE

956954

09/21/01

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Wanda Ford

Date	
Considered	

7-9-04

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Unassigned
		Filing Date	9/21/01
		First Named Inventor	Etter, Walter
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	Etter 4
Sheet	2	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		I.B. Thomas, R.J. Niederjohn, "Enhancement of speech intelligibility at high noise levels by filtering and clipping," J. of the Acoust. Soc. of Am., Vol. 16, 1968, pp. 412-415	
		R.J. Niederjohn, J.H. Grotelueschen, "The Enhancement of Speech Intelligibility in High Noise Levels by High-Pass Filtering Followed by Rapid Amplitude Compression," IEEE Trans. on Acoustics, Speech and Signal Proc., Vol. ASSP-24, No. 4, Aug. 1976, pp. 277-282.	
		E.A. Kretsinger, N.B. Young, "The use of fast limiting to improve the intelligibility of speech in noise," Speech monoger., vol. 27, 1960, pp. 63-69	
		E.F. Stikvoort, "Digital dynamic-range compressor for audio," J. Audio Eng. Soc., Vol. 34, No. 1/2 Jan/Feb. 1986, pp. 3-9	
		R.E. Crochiere, L.R. Rabiner, "Multirate digital signal processing," Prentice-Hall, 1983	

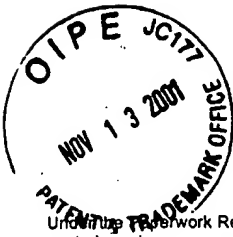
references
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/956,954
		Filing Date	9/21/01
		First Named Inventor	Etter, et al
		Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	Etter 4/AGER027	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
g		US 5,526,419	6/11/96	Allen et.al.	
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FOREIGN PATENT DOCUMENTS						
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		Country Code 3 -Number4 - Kind Code4 (if known)				

Examiner Signature		Date Considered	7-9-04
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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